

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

April

2009

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

May 22, 2009

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

An active weather pattern during April brought rain showers that helped to alleviate dry conditions. Early in the month (April 1 through 2) light showers occurred over the Northwest Hill Country and Heartland. Most areas received a quarter of an inch of rain or less, but a few isolated areas received as much as one inch of rain. During April 11 through 12, wider spread rain showers covered most of west central Texas and brought 0.5 to 1.5 inches of rain to much of the region. A short period later, another good rain event from April 16 through 17 brought heavy rain to an area along and south of a Sheffield to Brownwood line. Many areas received at least one inch of rain. Scattered areas received 1.5 to 2.5 inches of rain. Across the Big Country, most areas received 0.5 to 0.75 of an inch. Later in the month, a few scattered showers occurred during the overnight hours of the 23 into 24. Most of the rain was over the Northern Edwards Plateau and was generally less than 0.5 of an inch. At the end of the month (April 26 through 27) heavy rain occurred along and south of a line from Sterling City to Ballinger to Winchell. Many areas received one to two inches of beneficial rain. Heavier amounts of two to four inches were reported across Crockett, Sutton, Kimble, Concho and San Saba Counties, while the heaviest amounts of up to six inches were reported in McCulloch County.

The average precipitation reported from coop observers in April was 3.19 inches. The highest monthly precipitation total of 7.13 inches was reported in McCulloch County. Coop observers in Concho, Crockett, Jones, Kimble, McCulloch, Menard, San Saba, Schleicher, Sterling, Sutton and Tom Green Counties received over 4.00 inches of precipitation in April.

The San Angelo Regional Airport received 4.61 inches of precipitation during April, which was 3.01 inches above normal for the month. The monthly normal rainfall for San Angelo in April is 1.60 inches.

The Abilene Regional Airport received 1.07 inches of precipitation during April, which was 0.60 of an inch below normal for the month. The monthly normal rainfall for Abilene in April is 1.67 inches.

Junction received 5.09 inches of rain during April. The estimated average monthly rainfall in April is about 1.75 to 2 inches.

Coop Observer Rainfall Totals for April, 2009:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	2.05		Ozona	3.43
Acton Ranch	M		Ozona 22SE	4.95
Albany	1.86		Paint Rock	2.57
Anson	1.06		Putnam	2.28
Ballinger 2NW	1.22		Red Bluff Crossing	6.93
Brady	7.13		Richland Springs	4.55
Brownwood	3.02		Roscoe	1.00
Burkett	2.09		Rotan	1.59
Coleman	1.31		San Angelo WFO	3.37
Concho Park	1.59		San Saba 7NW	5.32
Eden	4.80		Santa Anna 12SSE	2.60
Eldorado	4.65		Silver Valley	1.52
Eldorado 10W	4.20		Sonora	6.20
Fort Griffin	3.15		Stamford	4.17
Fort McKavett	4.56		Sterling City	4.21
Glen Cove 2NE	1.35		Taylor Ranch	5.83
Hamlin	5.16		Telegraph	3.84
Haskell	1.52		Throckmorton 7NE	3.15
Hords Creek	1.27		Water Valley	4.32
Humble Pump	4.94		Water Valley 11NE	2.68
Junction 4SSW	6.13		Winters	1.03
Lawn	1.20		Woodson	2.31
London 3N	3.62			
Mason	3.43			
Merkel 12SW	0.99		(M) <i>Missing data</i>	
Mertzon 12WNW	2.35		(T) <i>Trace</i>	

Reservoir Conditions (end of April, 2009)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	57,140	82
Lake Stamford	52,700	32,420	63
Hubbard Creek Lake	317,800	242,740	76
Hords Creek Lake	8,800	4,860	60
Lake Brownwood	131,428	97,730	74
E.V. Spence	488,760	45,180	9
O.C. Fisher	119,200	5,460	5
O.H. Ivie	554,340	287,300	52
Twin Buttes	177,800	57,740	32

Hydro Products Issued

FFW = 12

FFS = 8

FLS = 10 (Urban/Small Stream Advisory)

RVS = 4

DGT = 1 (Drought Statement)

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for April across the San Angelo HSA is depicted below.

